

**HUMAN GENOME SCIENCES
LEGAL DEPARTMENT****9410 Key West Avenue
Rockville, MD 20850****Phone: 301-309-8504****Fax: 301-309-8439****OFFICIAL****RECEIVED
CENTRAL FAX CENTER****SEP 26 2003****FAX COVER SHEET****DATE:** September 26, 2003**TOTAL NUMBER OF PAGES:** 8**TO: Examiner D. Ramirez - Art Unit 1652**
United States Patent & Trademark Office**FAX NO.:** (703) 872-9306**PHONE NO.:** (703) 306-0288**FROM:** Mark J. Hyman (Reg. No. 46,789)**RE:** Application of: Shi et al.
Application No.: 09/935,703**Attorney Docket No.:** PT050P1
Filed: August 24, 2001**The following documents were filed by Human Genome Sciences, Inc.
via facsimile on September 26, 2003:**

1. Fax Cover Sheet
2. Fee Transmittal Sheet
3. Response Under 37 C.F.R. § 1.111
4. Certificate of Transmission Under 37 C.F.R. § 1.8

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PTO/SB/17 (05-03)

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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 0.00

Complete if Known	
Application Number	09/935,703-Conf. #9669
Filing Date	August 24, 2001
First Named Inventor	Yanggu Shi
Examiner Name	D.m. Ramirez
Art Unit	1652
Attorney Docket No.	PT050P1

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☐ Deposit Account

Deposit Account Number

08-3425

Deposit Account Name

Human Genome Sciences, Inc.

The Director is hereby authorized to (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
27	-27** =		0.00
Independent Claims	2	-3** =	0.00
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

** or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oam	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (includes number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00**SUBMITTED BY**

Name (Print/Type) Mark J Hyman

Registration No (Attorney/Agent)

46,789

Complete (if applicable)

Telephone (240) 314-1224

Signature

[Signature]

Date

September 26, 2003

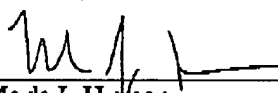
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SEP 26 2003

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8

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I hereby certify that the above-listed correspondence is being facsimile transmitted to the United States Patent and Trademark Office on September 26, 2003.


Mark J. Hyman
Attorney for Applicants

(Reg. No. 46,789)

Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, MD 20850
Telephone: (240) 314-1224

ATCC

10801 University Blvd • Manassas, VA 20110-2209 • Telephone: 703-363-2700 • FAX 703-365-2745

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT ISSUED PURSUANT TO RULE 7.3
AND VIABILITY STATEMENT ISSUED PURSUANT TO RULE 10.2

To: (Name and Address of Depositor or Attorney)

Human Genome Sciences, Inc.
Attn: Robert C. Lampe
9410 Key West Avenue
Rockville, MD 20850

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MAR 21 2000

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SEP 26 2003

Deposited on Behalf of: Human Genome Sciences, Inc.

Identification Reference by Depositor:

DNA Plasmid (Human) PT-050
(HDTBD67, HE8TZ69, HBJHX73, HATBM23)
(Ref. Docker or Case No. ~~BP-050~~)

PATENT DEPT

Patent Deposit Designation

~~BP-050~~

OFFICIAL

The deposits were accompanied by: a scientific description a proposed taxonomic description indicated above. The deposits were received March 15, 2000 by this International Depository Authority and have been accepted

AT YOUR REQUEST: ☒ We will inform you of requests for the strains for 30 years.

The strains will be made available if a patent office signatory to the Budapest Treaty certifies one's right to receive, or if a U S Patent is issued citing the strains, and ATCC is instructed by the United States Patent & Trademark Office or the depositor to release said strains.

If the cultures should die or be destroyed during the effective term of the deposit, it shall be your responsibility to replace them with living cultures of the same

The strains will be maintained for a period of at least 30 years from date of deposit, or five years after the most recent request for a sample, whichever is longer. The United States and many other countries are signatory to the Budapest Treaty.

The viability of the cultures cited above was tested March 15, 2000 On that date, the cultures were viable

International Depository Authority: American Type Culture Collection, Manassas, VA 20110-2209 USA.

Signature of person having authority to represent ATCC:

Barbara E. Coupé
Barbara E. Coupé, Administrator, Patent Depository

Date: March 16, 2000

cc:

BP-050